

Elemental Analysis

Thermo offers a variety of spectroscopic solutions for organic and inorganic analysis, including atomic absorption (AA), inductively coupled plasma (ICP), ICP mass spectrometry (ICP-MS), X-Ray fluorescence and X-Ray diffraction (XRF/XRD) Optical Emission (OE), as well as analysers for organic halogens or carbon, sulfur, chlorine, and nitrogen. Mobile, desktop, laboratory, and automated models are available for fast, accurate analysis of liquids, solids, and powders.

Key industries:

- Environmental
- Food and Beverage
- Metals and Cement
- Pharmaceutical
- Semiconductor
- Petrochemical



Molecular Spectroscopy

Ideal for investigative analysis or quality control applications, spectroscopy systems from Thermo are used to determine the molecular composition of a wide range of complex samples including liquids, solids, and gases. Supported by an expansive range of applications, techniques such as infrared, Raman, UV-Vis, and fluorescence provide high quality measurements for both quantitative and qualitative analysis.

Key industries served:

- Chemical
- Energy
- Food and Beverage
- Forensics
- Petrochemical
- Pharmaceutical
- Polymer
- Semiconductor



Chromatography

With the broadest range of chromatographic separation products in the industry, Thermo can help companies maximise efficiency and boost productivity by providing "one stop" sourcing for columns for HPLC and LC/MS, chromatography data systems and the chromatography instruments (GC, GC/MS, LC, LC/MS) including the TRACE DSQ™.

Key industries served:

- Chemical
- Environmental
- Food and Beverage
- Forensics and Toxicology
- Petrochemical
- Pharmaceutical



Mass Spectrometry

Thermo's industry-leading mass spectrometry solutions offer unmatched sensitivity and specificity, like the new Finnigan LTQ™ - the highest performance ion trap mass spec available. This new linear trap is tailored to meet the rigorous demands of lab professionals in both research and routine applications such as proteomics, drug discovery, and analytical quantitation.

Key industries:

- Biotechnology
- Education
- Environmental
- Pharmaceutical

